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**(54) Method for providing medical images**

(57) A technique for integrating voxelly-assigned information regarding a portion of anatomy derived from a number of sources into an accurate, single two dimensional pixel-based representation of a view of that anatomy is disclosed. Empirical relationships between known properties are used to infer values for unknown properties.

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## EUROPEAN SEARCH REPORT

Application Number  
EP 94 11 6088

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	PROCEEDINGS OF THE SPIE, vol. 202, 14 January 1988 USA, pages 144-149, ENGELSTAD ET AL. 'information extraction from multi-modality medical imaging' * page 144, paragraph 1 - page 145, paragraph 2 *	1-6,8, 10-12, 14-17, 22-24	G06T11/00
A	6TH MEDITERRANEAN ELECTROTECHNICAL CONFERENCE, 22 May 1991 SLOVENIA, pages 1233-1237, BIDAUT 'accurate registration of various medical imaging modalities: an application to PET and MRI for anatomical localization and kinetic modelling' * paragraph 2.2; figure 1 *	1-24	
A	PROCEEDINGS OF THE 1993 NINETEENTH ANNUAL NORTHEAST BIOENGINEERING CONFERENCE, May 1993 USA, pages 221-222, CHAPNICK ET AL. 'techniques for multimodality image registration' * the whole document *	1-24	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G06T
A	WO-A-91 00059 (INST NAT SANTE RECH MED) 10 January 1991 * claim 1 *	1-24	
A	EP-A-0 526 970 (PICKER INT INC ;UNIV UTAH (US)) 10 February 1993 * claim 1 *	1-24	
A	WO-A-91 00048 (KAPLAN H CHARLES) 10 January 1991 * page 9, line 9 - page 11, line 5 *	1-24	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 November 1995	Examiner Perez Molina, E
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons * : member of the same patent family, corresponding document</p>			

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